PCT/GB 03/05260

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01J19/18 B01J10/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{MinImum documentation searched (classification system followed by classification symbols)} \\ \text{IPC 7} & \text{B01J} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-In	ternal, PAJ, WPI Data	•	
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the re-	evant passages	Relevant to daim No.
Х	GB 859 097 A (CLAES WILHELM PILO 18 January 1961 (1961-01-18) abstract; figure 3 page 3, line 31 - line 38)	1-3
P,A	US 2003/161767 A1 (JACHUCK ROSHA ET AL) 28 August 2003 (2003-08-20 paragraph '0077! - paragraph '00 abstract; figures 11,12	1–16	
A	WO 00/59599 A (PAN XIAOJUN ; WAN (CN)) 12 October 2000 (2000-10-1) abstract	1-16	
A	US 5 363 909 A (GOTTZMANN CHRIST: AL) 15 November 1994 (1994-11-15 column 4, line 32 - column 5, line 32 -)	1–16
X Furti	ner documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
A docume consid *E* earlier of filling d *L* docume which citation *O* docume other r *P* docume	tegories of cited documents: and defining the general state of the art which is not leved to be of particular relevance focument but published on or after the international late and which may throw doubts on priority claim(s) or is cited to establish the publication date of another or other special reason (as specified) and referring to an oral disclosure, use, exhibition or neans. The published prior to the international filing date but an the priority date claimed.	 'T' later document published after the inte or priority date and not in conflict with clied to understand the principle of invention 'X' document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an in document is combined with one or mems, such combination being obvious the art. '&' document member of the same patent 	the application but sony underlying the claimed invention to considered to current is taken alone staimed invention ventive step when the ore other such docuus to a person skilled
Date of the	actual completion of the international search	Date of mailing of the International se	arch report
1	9 March 2004	25/03/2004	
Name and r	nailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Lapeyrere, J	



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Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	on account with management of the control of the co	
A	PATENT ABSTRACTS OF JAPAN vol. 0081, no. 06 (C-223), 18 May 1984 (1984-05-18) & JP 59 022653 A (JIYUUSHITSUYU TAISAKU GIJUTSU KENKIYUU KUMIAI), 4 February 1984 (1984-02-04) abstract	1-16
		•



INTERNATIONAL SEARCH REPORT

PCT/GB 03/05260

						,	
	atent document d in search report		Publication date		Patent family member(s)		Publication date
GB	859097	Α	18-01-1961	DE FR	1099500 1202388		16-02-1961 11-01-1960
US	2003161767	A1	28-08-2003	AT	227158	T	15-11-2002
				AU	2679000		04-09-2000
				ΑU	3212301	Α	27-08-2001
				DE	60000723	D1	12-12-2002
				DE	60000723		18-03-2004
				DK	1156875		14-04-2003
				EP	1156875		28-11-2001
				EP	1255608		13-11-2002
			•	WO	0160511		23-08-2001
				JP	2002537092		05-11-2002
				JP	2003522637		29-07-2003
				AT	223751	Ţ	15-09-2002
				AU	2679100		04-09-2000
				DE DE	60000440		17-10-2002
				DK	60000440 1152823		28-05-2003 20-01-2003
				EP	1152823		14-11-2001
				JP	2002537094	T	05-11-2002
				AU	2678900	•	04-09-2000
				EP	1152822		14-11-2001
				ĴΡ	2002542002		10-12-2002
				AU	2559700		04-09-2000
				EP	1169125		09-01-2002
				JP	2002537093	T	05-11-2002
MO	0059599	Α	12-10-2000	CN	2382463	-	14-06-2000
				CN	1269256		11-10-2000
				AU	5277199		23-10-2000
	ر جر حا کی بہ سیندرٹ کی ناد بھی			WO	0059599	A1	12-10-2000
US	5363909	Α	15-11-1994	NONE			
JP	59022653	Α	04-02-1984	JP	1623825	С	18-11-1991
				JP	2051668	n	08-11-1990



Published:

with international search report

SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG). For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.